

International Energy Agency Clean Coal Sciences Agreement

23rd Technical Meeting, Pisa Italy

October 25, 2002

IEA/CCS WEB-BASED FURNACE SURVEY

by

P. Hughes

Canada

The Furnace Survey

- International Register of Experimental Furnaces Associated with Combustion and Combustion Related Processes.
- The last Register, Issue No. 4, was published in 1986.
- The 1986 version contains overviews of 70 experimental furnaces operated by 37 organizations in 8 countries.
- Current registration includes 73 furnaces operated by 31 organizations in 10 countries

The Current Distribution

Country	Number of Furnaces	Number of Organizations
Australia	8	5
Canada	4	1
Denmark	2	1
Finland	7	1
Italy	1	1
Japan	8	7
Sweden	6	2
United Kingdom	31	11
United States of America	1	1
Yugoslavia	5	1

COMBUSTION-NET: Canada's Clean Combustion (technology) Network - Microsoft Internet Explorer

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FEATURE STORY
The Search for Clean Coal Technologies

by Ken Waldie
Combustion-Net Business Editor
A group of Canadian electricity generation utilities and a coal producer, in partnership with the government of Canada and three provinces has set out to demonstrate the commercial viability of clean coal technologies. The Canadian Clean Power Coalition (CCPC) is made up of seven power companies that comprise roughly 90 percent of Canada's coal-fired generation capacity. Finding cleaner ways of burning coal is a major priority considering the ongoing debate about Canadian strategies for meeting Greenhouse Gas (GHG) reduction targets under the Kyoto Protocol.

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SPECIAL FOCUS ON

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Canadian responses to the Kyoto Protocol

Public funding of clean coal technology development is not without controversy

Internet 9:55 AM

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Choose: “IEA Survey results”

The screenshot shows a Microsoft Internet Explorer window titled "IEA Furnace Survey: Introduction - Microsoft Internet Explorer". The address bar displays "http://www.combustion-net.com/IEAFurnaceSurvey/". The website content includes the IEA logo, the text "INTERNATIONAL ENERGY AGENCY FURNACE SURVEY RESULTS", and a "brought to you by combustion-net" logo. A navigation bar contains links: "home", "survey form", "search results", "suggest facility", and "contact". To the right, there are links for "IEA MAIN SITE", "MEMBERS AREA (password required)", and "CLEAN COAL SCIENCES SITE", grouped by a red bracket and labeled "Links to other IEA sites". The main heading is "IEA FURNACE SURVEY: Request for Participants". The text below explains the survey's purpose and asks for participation.

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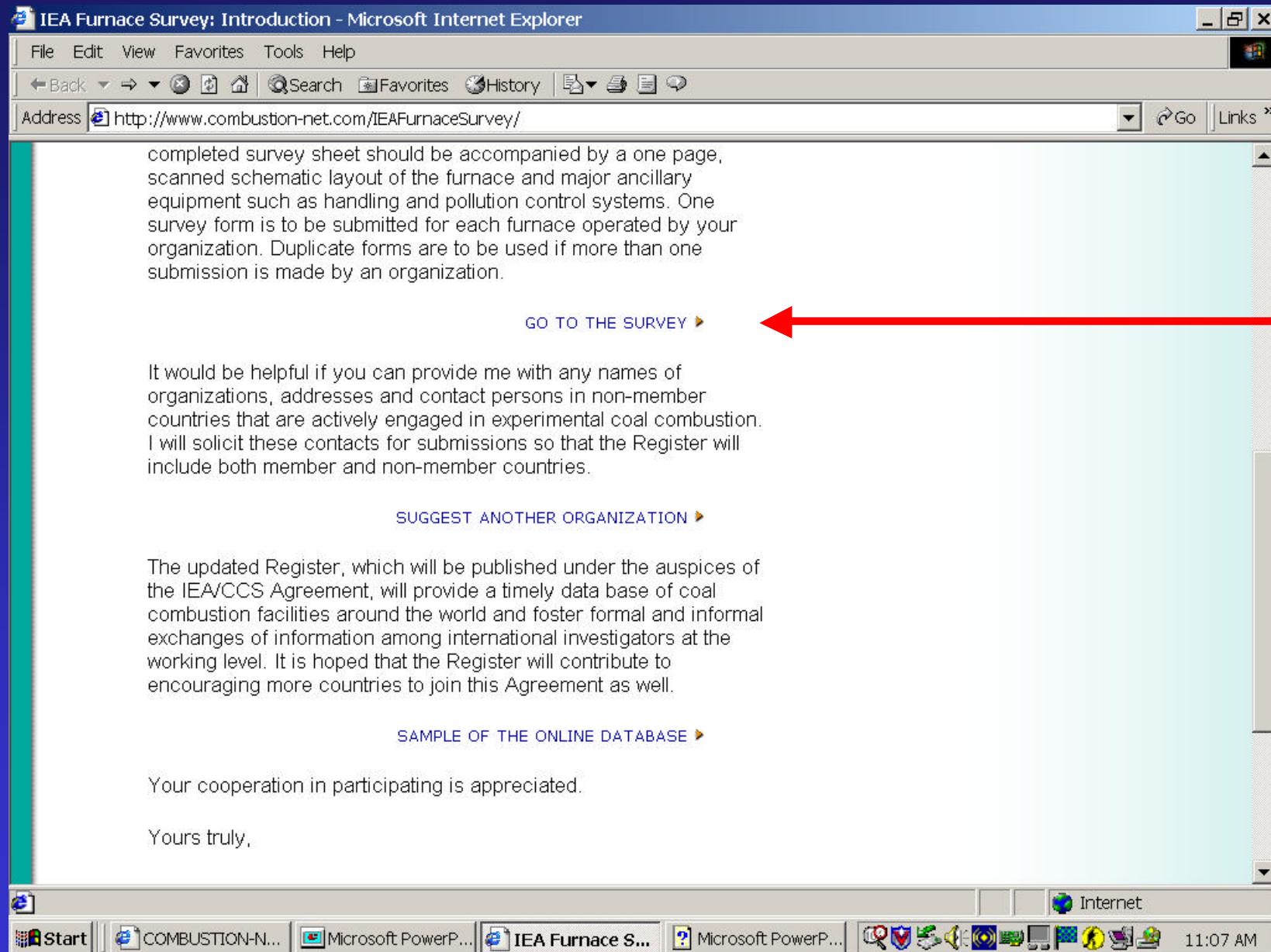
IEA MAIN SITE
MEMBERS AREA (password required)
CLEAN COAL SCIENCES SITE } Links to other IEA sites

IEA FURNACE SURVEY: Request for Participants

The Executive Committee of the International Energy Agency Agreement on the Development and Demonstration of Clean Coal Sciences decided recently to update the "International Register of Experimental Furnaces Associated with Combustion and Combustion Related Processes". The last Register, Issue No. 4, was published in 1986. It contains overviews of 70 experimental furnaces operated by 37 organizations in 8 countries.

As the coordinator for compiling this updated Register, I would be grateful for your assistance in completing the survey sheet. Each

Scroll down




Choose: "GO TO THE SURVEY"

IEA Furnace Survey: form - Microsoft Internet Explorer

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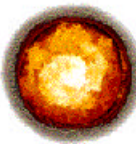


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Furnace Survey

for more information contact
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ORGANIZATION

Name

Address

RIG STATUS: ☒ planning stage ☐ construction stage ☐ operating

Officer in Charge

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10:01 AM

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Address

RIG STATUS: ☒ planning stage ☐ construction stage ☐ operating

Officer in Charge

Phone

Fax

Email

Web site

DESCRIPTION OF TEST FACILITY

PURPOSE(S)

CAPACITY (dimensions, firing rate, test duration, etc.)

Feed rate

Nominal Testing

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Choose: "SUGGEST ANOTHER ORGANIZATION"

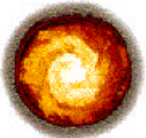
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Organization

Address

Contact Name

Contact Phone

Contact E-mail

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Choose: "SAMPLE OF THE ONLINE DATABASE"

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Search Sample Furnace Survey Results

Use this form to search the sample Furnace Survey results by Country, Organization or Officer in Charge. (Search fields are not case sensitive.)

ORGANIZATION

OFFICER

COUNTRY



If you have any problems with this form, send an email to [Stephanie at Combustion-Net](#) (please include the details of the error message).

Done Internet

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Choose the country: "AUSTRALIA"

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Search Sample Furnace Survey Results

Use this form to search the sample Furnace Survey results by Country, Organization or Officer in Charge. (Search fields are not case sensitive.)

----- YOUR SEARCH FOUND 7 RECORDS -----

more info

ORGANIZATION: ACIRL Ltd
COUNTRY: AUSTRALIA
OFFICER: Mr. D. Holcombe
DESCRIPTION: Drop Tube Furnace

more info

ORGANIZATION: ACIRL Ltd
COUNTRY: AUSTRALIA
OFFICER: Mr. D. Holcombe

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Choose: “More Information”

IEA Furnace Survey: Display Sample Results - Microsoft Internet Explorer

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INTERNATIONAL ENERGY AGENCY FURNACE SURVEY RESULTS

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Search Sample Furnace Survey Results

ORGANIZATION: ACIRL Ltd
ADDRESS: 1 Acirl Street, Riverview Qld 4303, PO Box 242, Booval Qld 4304, Australia

RIG STATUS: Yes

OFFICER IN CHARGE: Mr. D. Holcombe
PHONE: 07 3282 2011
FAX: 07 3816 2734
EMAIL: [Not available](#)

WEB SITE: [Not available](#)

CAPACITY:
DESCRIPTION: Drop Tube Furnace
PURPOSE: Burnout, puruluses, char formation

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